

**Official**

1. (Amended twice) A method of trace activation in a mobile communications system, wherein a mobile station is in communication with a mobile communications network, the method comprising the steps of:
- directing a communication from the mobile station to a predefined trace activation number of a tracing facility;
 - activating tracing at the tracing facility for the mobile station from which the communication originates; and
 - generating a trace report for the mobile station.
2. (Amended twice) The method according to claim 1, wherein the directed communication is a call from the mobile station and tracing is activated for the calling mobile station, and the method further comprises the step of:
- deactivating tracing when the call is ended.
3. (Amended twice) The method according to claim 1, wherein the directed communication is a message from the mobile station.
4. (Amended twice) The method according to claim 3, wherein the method further comprises a step of:
- deactivating tracing when a preset time period is elapsed.
5. (Amended twice) The method according to claim 3, wherein the method further comprises a step of:
- deactivating tracing when a second message from the mobile station is directed to the predefined trace activation number.

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1 6. (Amended twice) The method according to claim 1, wherein the method
2 further comprises a step of:
3 defining at least one said trace activation number.

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1 7. (Amended three times) The method according to claim 1, wherein the
2 communication is directed to the predefined trace activation number directly from the
3 mobile station.

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1 8. (Amended three times) The method according to claim 1, wherein the
2 communication is forwarded to the predefined trace activation number.

1 9. (Amended three times) The method according to claim 1, wherein
2 tracing is activated and deactivated automatically at the switching center.

1 10. (Amended three times) The method according to claim 1, wherein
2 subscriber tracing is activated for the mobile station.

1 11. (Amended three times) The method according to claim 1, wherein
2 equipment tracing is activated for the mobile station.

1 12. (New) A mobile communications system comprising:
2 at least one mobile station;
3 a communications network with which said at least one mobile station is
4 arranged to communicate; and
5 a tracing facility for tracing at least one of said mobile stations, wherein the
6 tracing facility has a predefined trace activation number for activating tracing of said at
7 least one mobile station in response to a communication from said at least one mobile
8 station to the trace activation number.

1 13. (New) The mobile communications system according to claim 12,
2 wherein the tracing facility comprises:
3 means for receiving said communication; and
4 means for activating said tracing in response to said communication.